Index of Claims

10/617,151

Examiner

John S. Chu

Applicant(s)

Applicant(s)

Applicant(s)

Applicant(s)

Applicant(s)

10/617,151

GOODIN ET AL.

| √ | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     | ı | Interference | 0 | Objected |

| Claim Date           |          |          |  |                 | ٦.       | ]        | Cla   | Date            |          |          |      |              |          |                                       |          | از ٠  | Cla   | aim          | Date               |              |                     |          |       |              |          |                 |          |  |                    |          |                                |           |          |
|----------------------|----------|----------|--|-----------------|----------|----------|---|-----------------|----------|----------|------|--------------|----------|---------------------------------------|----------|---|---|--------------|--------------------|--------------|---------------------|----------|-------|--------------|----------|-----------------|----------|--|--------------------|----------|--------------------------------|-----------|----------|
|                      |          |          |  |                 |          |          |   |                 |          |          |      |              |          |                                       |          |   |   |              |                    |              |                     | П        | T     | Т            | T        | Ť               |          |  | -                  |          |                                |           |          |
| क                    | Original | 3/18/05  | <u> </u> :                                       |                 |          |          |   |                 |          | -        |      | <del>-</del> | Original | 3/18/05                               |          |   |   |              | 1                  |              |                     |          |       | <del>-</del> | Original |                 |          |  | 1                  | 1        |                                |           |          |
| Final                | ij       | 18       |  |                 |          |          |   |                 |          |          | .    | Final        | ij       | 18                                    | 1        |   |   |              | 1                  |              |                     |          | 1     | Final        | ġ        |                 |          | 1  |                    |          |                                |           |          |
| -                    | Ō        | હ્યુ     | ļ  |                 |          |          |   |                 |          |          |      | _            | ō        | რ                                     | 1        |   |   | -            | 1                  |              |                     |          |       | ш.           | ŏ        |                 |          |  |                    |          |                                |           |          |
| $\vdash$             | 1        | V        | <del>                                     </del> | H               |          | $\vdash$ | H   | $\vdash$        | +        | $\dashv$ | -    |              | 51       | 1                                     | +        | +   | +   | +-           | +-                 | ╁            | $\vdash$            | $\dashv$ |       |              | 101      | -+              | +        | +-   | ╀                  | +-       | $\vdash \vdash$                | $\square$ |          |
|                      | 2        | <b>∀</b> |  | H               | _        | H        | H   | $\vdash$        | $\dashv$ | $\dashv$ | ٠.,  |              | 52       | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ╀        | ┿   | +   | ╁            | +                  | ┼            |                     |          |       |              |          | -               |          | +  | ╀                  | ┼        | Ш                              |           |          |
|                      | 3        |          |  | Н               |          | <u> </u> | ⊢   | $\vdash$        |          | $\dashv$ |      |              |          | H                                     | ╀        | +   |   | +            | ╄                  | ┿            | $\vdash$            | $\dashv$ | H     |              | 102      | $\rightarrow$   |          | ╁  | ╄                  | ↓        | $\sqcup$                       |           |          |
|                      | 4        | 7        | i-   | Н               |          |          | ⊢   |                 | $\dashv$ | -1       |      |              | 53       | Н                                     | ╄        | +   | +   | ╀            | +                  | ╄            | $\sqcup$            | $\dashv$ |       |              | 103      |                 | -        | ↓_   | ļ                  | ↓_       | Ш                              |           |          |
|                      |          | 7        | <del> </del>                                     | Н               |          | _        | -   | $\vdash$        |          | $\dashv$ |      |              | 54       | Н                                     | ╄        | +   | +   | +            | ╄                  | ╄            | Н                   | _        |       |              | 104      | _               |          | $\bot$   | 1                  | ــــ     | Щ                              |           |          |
| <u> </u>             | 5        | N        | ⊢  |                 |          | _        | L   | $\vdash$        | $\dashv$ |          | - }  |              | 55       | $\perp$                               | ŀ        | 4   | +   | +            | ↓_                 | ↓_           | Ш                   |          |       |              | 105      | $\perp$         | $\perp$  | —  | L.                 | <u> </u> |                                |           |          |
| <u> </u>             | 6        | N        | ├-   | Ш               | _        | _        | <u> </u>  | ₩               | -        | -1       | - 1  |              | 56       | Н                                     | Ļ.       | 4   | +   | 4            | ╀-                 | ↓_           | Ш                   | _        | 3     |              | 106      | $\dashv$        |          | <u> </u>   | <u> </u>           | _        | Ш                              |           |          |
| <u> </u>             | 7        | 1        | ╙  | Ш               |          |          |   | ┦               | $\dashv$ | -        |      |              | 57       | 1                                     | Ļ        | 4   | _   | 4            | 4_                 | lacksquare   |                     | $\dashv$ |       |              | 107      |                 |          | 丄  | _                  | <u> </u> | Ш                              |           |          |
|                      | 8        | 1        | ╙  | Н               |          |          |   | L.,             | _        | 4        |      |              | 58       | 1                                     | ↓        | 4   | _   | ╀.           | _                  | _            | $\sqcup$            | Ш        |       |              | 108      | $\perp$         |          | _  | 上                  | <u> </u> | Ш                              |           |          |
| <u> </u>             | 9        | 4        | <u> </u>   | Ш               |          |          | $ldsymbol{ld}}}}}}$ | Ш               |          | _        |      |              | 59       | L                                     | L        | _   |   | ┸            | <u> </u>           | <u> </u>     | Ш                   |          |       |              | 109      |                 | $\perp$  | $\perp$  | L                  |          |                                |           |          |
| <u> </u>             | 10       | Щ        | 1  | Ш               |          |          |   | Ш               |          | _        | ļ    |              | _60      |                                       | L        | ┸   |   | 上            | _                  |              | $\sqcup$            |          | . 3   |              | 110      |                 |          |  |                    | <u> </u> |                                |           |          |
|                      | 11       | Щ        | Ŀ  | Ш               |          |          |   | Ш               |          | _        | Į    |              | 61       |                                       | L        | $\perp$   |   | $\perp$      |                    |              |                     |          | ,     |              | 111      |                 |          |  | Г                  |          |                                |           |          |
|                      | 12       | $\perp$  | L  | Ш               |          |          |   | Ш               |          | _].      |      |              | 62       |                                       | Ĺ        | $\int$  |   | $\perp$      |                    |              |                     |          | 5.5   |              | 112      |                 |          | $\Gamma$   |                    |          |                                |           |          |
|                      | 13       | L        | Ŀ  | Ш               |          |          |   |                 | $\Box$   |          | - [  |              | 63       |                                       | Γ        | I   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oxed{oxed}$ | $\prod$            |              |                     |          |       |              | 113      |                 | $\neg$   | Т  |                    |          |                                |           |          |
|                      | 14       | L        |  |                 |          |          |   |                 | $\Box$   |          | ٠ [  |              | 64       |                                       | Γ        | T   | T   | Τ            |                    |              |                     |          |       |              | 114      |                 |          | Т  | 1                  | T        | П                              |           |          |
|                      | 15       |          | $\Box$   |                 |          |          |   |                 | T        |          |      |              | 65       | 1                                     | Г        | T   | T   | Τ            |                    |              | Π                   | $\neg$   |       |              | 115      |                 | 1        | T  | T                  | 1-       | П                              |           |          |
|                      | 16       | Г        | F  |                 |          |          |   |                 |          | ヿ        | Ì    |              | 66       | 1                                     | Τ        | 十   | 丅   | $\top$       | Т                  | 1            | Ħ                   | $\neg$   |       |              | 116      | $\dashv$        | _        | $\top$   |                    | ⇈        | Н                              |           |          |
|                      | 17       | Г        |  | П               |          |          | П   | П               | 寸        | $\neg$   | 7    |              | 67       | 1                                     | T        | 十   | $\top$  | $\top$       | 1                  | $\top$       | П                   | $\dashv$ |       |              | 117      | $\dashv$        | $\dashv$ | +  | 1                  | $\vdash$ | Н                              |           |          |
|                      | 18       |          | 1  | Ħ               |          |          |   | $\Box$          | 一        | ٦,       |      |              | 68       | V                                     |          | T   | ╅   | T            | $\dagger$          | T            | 1                   | $\dashv$ |       |              | 118      | $\dashv$        | +        | 1-   | $\vdash$           | +-       | Н                              |           |          |
|                      | 19       |          | 1:   | H               |          |          |   | Н               | $\neg$   | 一.       |      |              | 69       | N                                     |          | 十   | ╅   | +            | +                  | 1            | 1-1                 | $\dashv$ |       |              | 119      | $\dashv$        | +        | ╁╾   | ╁                  | +        | Н                              |           | _        |
|                      | 20       |          | H  | Н               |          |          |   | H               | -+       | $\dashv$ | Ē.   |              | 70       | · `                                   | ╁        | ╁   | +   | +            | +                  | +-           | $\vdash$            | $\dashv$ | 100   |              | 120      |                 | +-       | +  | +                  | $\vdash$ | Н                              |           |          |
|                      | 21       | H        | t  | H               |          |          | $\vdash$  | $\vdash \vdash$ | $\dashv$ | -        |      |              | 71       |                                       | ╁        | +   | ╁   | +            | +-                 | +            | $\vdash$            |          | 15    |              | 121      | $\dashv$        |          | +-   | $\vdash$           | ╁        | Н                              |           |          |
|                      | 22       | $\vdash$ | <del> </del>                                     | H               | -        | $\vdash$ | $\vdash$  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | 1    |              | 72       | ├                                     | ╁        | +   | +   | +            | +                  | ╁            |                     | $\dashv$ | 5     |              | 122      | $\dashv$        | +        | +-   | ┾                  | ╀-       | $\vdash$                       |           |          |
| _                    | 23       | ╟        | H  | Н               |          | _        |   | $\vdash \vdash$ | $\dashv$ | $\dashv$ | . :  |              | 73       | $\vdash$                              | +        | +   | +   | +-           | +                  | ╁            | H                   | $\dashv$ |       |              | 122      | -               | -        | +  | Ͱ                  | ├-       | Н                              |           |          |
| -                    | 24       | ╟        | ⊢  | $\vdash$        |          | $\vdash$ | -   | $\vdash$        | +        | $\dashv$ |      |              | 74       | ⊢                                     | ╀        | +   | +-  | +            | +                  | ╀            | $\vdash \vdash$     | $\dashv$ | - '   | -            | 123      | $\dashv$        | +        | +  | ╀                  | ╀-       | Н                              |           |          |
| -                    | 25       | #-       | -  | $\vdash \dashv$ |          | $\vdash$ | -   | $\vdash$        | $\dashv$ | $\dashv$ |      |              |          | $\vdash$                              | ╀        | +   | -   | +            | +                  | +            | Н                   |          |       |              | 124      | $\dashv$        |          | +-   | ┺                  | ↓_       | $\sqcup$                       |           |          |
| <u></u>              |          | #        | ├  | $\vdash \vdash$ |          | $\vdash$ | -   |                 | $\dashv$ | $\dashv$ |      |              | 75       | $\vdash$                              | ╀        | +   | +-  | +            | ┼-                 | ╀            | $\vdash \downarrow$ | Щ        |       |              | 125      | 4               | +        | +-   | 1                  | 1_       | Ш                              |           |          |
| -                    | 26       | 4        | <u> </u>   | $\vdash \vdash$ |          | $\vdash$ | -   |                 | +        | $\dashv$ |      |              | 76       | <u> </u>                              | ╀        | +   | 4   | +-           | $\vdash$           |              | $\sqcup$            |          | 壁     |              | 126      | _               | $\bot$   | 4_   | ↓_                 | ـــــ    | Ш                              |           | <u></u>  |
| -                    | 27       | #        | ļ. —   | Н               |          | Н        | $\vdash$  | $\vdash$        | +        | 4        | _    |              | 77       | ⊢                                     | ╄-       | +   | 4   | ╀-           | ╀                  | $\vdash$     | Н                   |          | #     |              | 127      |                 | $\bot$   | $\perp$  | 1                  | <u> </u> | Ш                              |           |          |
| <u> </u>             | 28       | #_       | -  | $\vdash \vdash$ |          | _        | <u> </u>  | $\vdash$        | 4        | 4        |      |              | 78       | <u> </u>                              | ╀        | $\bot$  | $\perp$   | 4_           | 4                  | 1            | $\sqcup$            | _        | 4     |              | 128      |                 |          | 1_   | 1_                 | <u> </u> | Ш                              |           |          |
| <u> </u>             | 29       | 4        | i  | $\sqcup$        |          | L_       | $\sqcup$  | $\sqcup$        | 4        | _        |      |              | 79       | _                                     | $\perp$  | 1   | 4   | 4            | ـــــ              |              | Ш                   |          | *     |              | 129      | $\bot$          |          | 1_   | 1_                 | <u> </u> | Ш                              |           |          |
|                      | 30       | L        | ٠  | Щ               |          |          | Щ   | Щ               | _        | ╝        |      |              | 80       |                                       | L        | 1   | $\perp$   | $\downarrow$ | $oldsymbol{\perp}$ | $\perp$      | Ш                   |          | 13    |              | 130      |                 |          |  |                    | L        | Ш                              |           |          |
| $\perp$              | 31       | 1        | Ŀ  | $oxed{oxed}$    |          | Ш        | Ш   | Ш               | $\perp$  | ╝        | - i[ |              | 81       |                                       | L        | $\perp$   | $\perp$   | 1_           | $\perp$            |              | Ш                   |          | 12    |              | 131      |                 |          | $oldsymbol{ol}}}}}}}}}}}}}}$ | $oxedsymbol{oxed}$ | L        |                                |           |          |
|                      | 32       | 1        | <u> </u>   | $\sqcup$        |          |          | Ш   | Ш               | $\bot$   | _1       |      |              | 82       |                                       | L        | $\perp$   | $\perp$   | 丄            |                    | $oxed{oxed}$ | Ш                   |          |       |              | 132      |                 |          | L  | Ĺ                  | $L^{-}$  | $oxedsymbol{oxedsymbol{oxed}}$ |           |          |
|                      | 33       | L        | <u> -</u>  |                 |          |          | Ш   | Ш               | $\Box$   | _}       |      |              | 83       | L                                     | L        | $\perp$   | $\perp$   |              | $\Box$             |              | $\square$           |          |       |              | 133      | T               |          |  |                    |          |                                |           |          |
|                      | 34       |          | ·  | $\Box$          |          |          |   |                 |          | _]`      |      |              | 84       |                                       | Ĺ        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ | Ш   | I            | $\Box$             |              |                     |          | 2 (P) |              | 134      |                 |          | I  |                    |          |                                |           |          |
|                      | 35       | $\perp$  |  |                 |          |          |   | Ш               |          | _];      |      |              | 85       |                                       | $\Box$   | $oldsymbol{\mathbb{L}}$                             |   |              |                    |              |                     |          |       |              | 135      |                 | Т        | Τ  |                    |          | П                              |           |          |
|                      | 36       | floor    | :  |                 |          |          |   |                 | T        | _]       |      |              | 86       |                                       | Γ        | T   |   | Т            |                    |              |                     |          |       |              | 136      | $\neg$          | 1        | T  |                    | Τ        | П                              | _         |          |
|                      | 37       |          |  |                 |          |          |   |                 | T        |          |      |              | 87       |                                       |          | T   | T   |              | Τ                  | П            | П                   |          | iii.  |              | 137      | $\neg$          | 1        | 1  | T                  |          | $\Box$                         |           |          |
|                      | 38       | Г        | :  | П               |          |          |   | П               |          | 7        | اد   |              | 88       |                                       | Τ        | T   | 1   | Τ            | T                  | Π            | П                   | $\neg$   |       | -            | 138      | $\neg \uparrow$ |          | 1  | 1                  | $\vdash$ | $\Box$                         |           |          |
|                      | 39       |          |  | $\Box$          |          |          | П   | П               | $\neg$   | ٦,       |      |              | 89       |                                       | Г        | 十   | 1   | 1            | 1                  | П            |                     |          |       |              | 139      | 十               | $\top$   | †  | T                  | $\vdash$ | $\vdash$                       | $\dashv$  |          |
|                      | 40       |          |  | $\neg$          |          |          | П   | П               | $\dashv$ | ٦.       | 1    |              | 90       | _                                     | 1        | $\top$  | 十   | $\top$       | †                  | П            | H                   | $\dashv$ | . }   |              | 140      | $\dashv$        | +        | +  | 1-                 | $\vdash$ | H                              | $\neg$    |          |
|                      | 41       | T        | ;  | $\sqcap$        | $\neg$   |          | М   | $\vdash$        | $\neg$   |          | -    |              | 91       | Т                                     | T        | +   | +   | +            | T                  | $\vdash$     | $\vdash$            | $\dashv$ |       |              | 141      | $\dashv$        |          | +-   | $\vdash$           | $\vdash$ | ┝┥                             | $\dashv$  | $\dashv$ |
| $\vdash$             | 42       | +        | IТ   | $\dashv$        |          | $\vdash$ | Н   |                 | $\dashv$ | 1        | ŀ    |              | 92       | Н                                     | H        | +   | +   | +-           | +                  | $\vdash$     | H                   | $\dashv$ |       |              | 142      | +               | +-       | +  | $\vdash$           | $\vdash$ | $\vdash \vdash$                | $\dashv$  | -        |
| $\vdash$             | 43       | +        | $\vdash$   | ┥               | -        | $\vdash$ |   | $\vdash$        | +        | -        | •    |              | 93       |                                       | $\vdash$ | +   | +   | +            | +                  | +            | $\vdash$            | $\dashv$ | ŀ     |              | 143      | $\dashv$        | -        | +  | ⊢                  | -        | $\vdash \vdash$                |           |          |
| $\vdash$             | 44       | +        | <del>                                     </del> | $\vdash$        | -        | $\vdash$ | Н   | $\vdash \vdash$ | +        | $\dashv$ | ŀ    |              | 94       | Η-                                    | $\vdash$ | +   | +   | +            | ┼                  | -            | $\vdash$            | $\dashv$ |       |              | 144      | $\dashv$        | -        | +  | ┼                  | $\vdash$ | $\vdash \vdash$                |           |          |
| $\vdash$             | 45       | +        |  | -               |          | $\vdash$ | Н   | $\vdash$        | +        | $\dashv$ | -    |              | 95       | -                                     | -        | +   | ┿   | +            | +                  | $\vdash$     | $\vdash \vdash$     |          | - }   |              |          | -               | +        | ╁  | ├—                 | ├        | $\vdash$                       | _         | $\dashv$ |
| $\vdash$             | 46       | - -      |  | $\dashv$        | $\dashv$ |          | $\vdash$  | $\vdash \vdash$ | +        | $\dashv$ | • '} |              |          |                                       | ⊢        | +   | +   | ╀            | ₩                  | <b>—</b>     | $\vdash$            | _        |       |              | 145      | -               |          | ┼-   | ⊢                  | ├_       |                                |           | _        |
| $\vdash$             | 47       | +        | H  | $\dashv$        |          | -        | $\vdash \vdash$   | $\vdash \vdash$ | +        | ⊢'       | 1    |              | 96       | <u> </u>                              | ⊢        | +-  | +   | +-           | ┼                  | $\vdash$     | $\vdash$            |          |       |              | 146      | $\dashv$        |          | ┼  | -                  | $\vdash$ | Щ                              |           |          |
| $\vdash\vdash\vdash$ |          | +        | $\vdash$   | $\dashv$        |          | _        | $\vdash \vdash$   |                 | +        | $\dashv$ | -    |              | 97       | _                                     | ⊢        | +   | +   | +            | ╄                  | $\vdash$     | $\sqcup$            | _        | ٠,    |              | 147      |                 |          | 4_   | ļ_                 | ļ        | Щ                              |           |          |
| <b> </b>             | 48       | 4.       | $\vdash$   |                 | _        | _        | Н   |                 | 4        | 4        | -    |              | 98       |                                       | <u> </u> | $\perp$   | $\perp$   | $\perp$      | 1                  | Ш            | $\sqcup \downarrow$ | _        | ļ     |              | 148      | _               | $\bot$   | 1_   | <u>L</u> .         | L.,      | Ш                              |           |          |
| $\vdash$             | 49       | V        | -  | $\sqcup$        | 4        | _        | Ш   | $\sqcup$        | $\perp$  | Ц.       |      |              | 99       |                                       | L        | +   | $\bot$  | 1            | $\vdash$           | Ш            | $\sqcup$            | _        | Ļ     |              | 149      | _ _             | $\bot$   | 1_   | $oxed{oxed}$       | _        | Ш                              |           |          |
| Ц                    | 50       | <b>√</b> | لـــا  | Ш               |          | $\Box$   | Ш   |                 | $\perp$  | _].      | L    | i            | 100      |                                       | L        | Ш,  | l.  | $\perp$      | 1                  |              | $\sqcup 1$          | ╝        | L     |              | 150      | 丄               |          | L  |                    | L        |                                |           |          |